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500.39915X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: A. YAGUCHI, et al.
Application No.: 09/787,526
Filed: December 30, 2002
For: SEMICONDUCTOR DEVICE AND SEMICONDUCTOR MODULE
Art Unit: 2811
Examiner: C. Q. Nguyen

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 26, 2004

Sir:

In the matter of the above-identified application, Applicants are submitting herewith a copy of an International Search Report in a counterpart PCT application and copies of the documents listed in the attached form PTO/SB/08A for the Examiner's consideration (noting that, in addition to the documents from the International Search Report, other document are also being provided).

This Information Disclosure Statement is being submitted, on information and belief, before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form PTO/SB/08A are not in the English language, the requirement of 37 CFR '1.98(a)(3) for a concise explanation of the relevance is satisfied by English language abstracts and an English language version or translation of the International Search Report citing the documents.

Application No.: 09/787,526

Docket No.: 500.39915X00

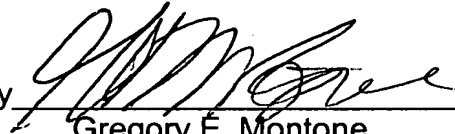
It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

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Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/787,526
		Filing Date	December 30, 2002
		First Named Inventor	A. YAGUCHI, et al.
		Art Unit	2811
		Examiner Name	C. Q. Nguyen
Sheet 1 of 1	Attorney Docket Number	500.39915X00	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP 2000-068671	03-03-2000	Mitsubishi Electric Corp		Abst
		WO 98/32170	07-23-1998			
		JP 08-330313	12-13-1996	Shinko Electric Ind Co Ltd		Abst
		JP 11-054649	02-26-1999	Matsushita Electron Corp		Abst
		JP 10-289966	10-27-1998	NEC Vorp		Abst
		EP 0 706 208 A2	04-10-1996	Kabushiki Kaisha Toshiba		
		JP 09-129772	05-16-1997	Toshiba Corp		Abst
		JP 10-012768	01-16-1998	NEC Corp		Abst
		JP 10-214911	08-11-1998	Toshiba Corp		Abst
		JP 07-211722	08-11-1995	Toshiba Corp		Abst
		JP 6-504408	05-19-1994		Disclosed in specification	

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report, date of mailing June 13, 2000	
		Ichirou Anjoh, et al., Development of Tape BGA Type CSP, Technical Report of The Institute of Electronics, Information and Communication Engineers, CPM96-121, ICD96-160 (December 1996) Abstract	
		Nikkei Micro Devices, April 1998 (pp. 164-167) – Disclosed in specification - Translation not available	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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